

Claims:

1. A conveyor pan for underground face or gate conveyors, with a pair of side parts comprising cast parts which include cast vertical arms extending over the height of a bottom run and a top run, a lower cast flange arm extending outwards to the rear, a cast foot flange extending inwards onto whose lower side a base plate is welded which closes the bottom run to the bottom, as well as on end faces cast accepting elements for means of joining conveyor pans, and with a conveyor pan base, in which the conveyor pan base has tongue shaped segments on both long sides which engage in cut-out slots in the vertical arms of the side parts and are welded to them on the outer sides of the side parts.
2. A conveyor pan according to claim 1, in which the flange arms are provided with weight reducing depressions on their undersides.
3. A conveyor pan for underground face or gate conveyors, with a pair of side parts comprising cast parts which include cast vertical arms extending over the height of a bottom run and a top run, a lower cast flange arm extending outwards to the rear, a cast foot flange extending inwards onto whose lower side a base plate is welded which closes the bottom run to the bottom, as well as on end faces cast accepting elements for means of joining conveyor pans, and with a conveyor pan base, in which the conveyor pan base is welded to the crown of an inner side of an essentially W-shaped cast

vertical arm and the cast flange arm is provided with weight reducing depressions on its under side.

4. A conveyor pan according to claim 1, in which the conveyor pan base comprises a rolled sheet.
5. A conveyor pan according to claim 1, in which at least the side part on the face side is provided with a machine track for an extraction machine.
6. A conveyor pan according to claim 5, in which the machine track is an integral component of the flange arm and is formed from its upper side.
7. A conveyor pan according to claim 5, in which the machine track is an integral component of the vertical arm, which has an end section with a T-shaped cross section and its upper side forms a cross web of the machine track.
8. A conveyor pan according to claim 1, in which side and top profiles are exchangeably welded onto the side parts in the region of the top run against which scraper ends are guided in the top run and whose inner sides have a profile shape matched to the scraper ends.
9. A conveyor pan according to claim 8, in which the side and top profiles comprise separate elements, whereby the top sides of the top profiles form a machine track.
10. A conveyor pan according to claim 1, in which the vertical arms have an end section with a T-shaped

cross section or a step or similar, onto which a top profile abuts and is supported.

11. A conveyor pan according to claim 8, in which the side and top profiles are integral components of a rolled profile with a T-shaped cross section.
12. A conveyor pan according to claim 1, in which the accepting elements comprise open edged cast pockets.
13. A conveyor pan according to claim 12, in which the pockets end flush with an upper end section of the vertical arm and stiffen the side parts over their entire height.
14. A conveyor pan according to claim 1, in which the side parts are provided with cast vertical ribs for additional stiffening to the accepting pockets.
15. A conveyor pan according to claim 14, in which the vertical ribs are provided with cut-outs onto which lifting eyes or similar are fastened.
16. A conveyor pan according to claim 1, in which the vertical arms have an essentially constant thickness over the height of the bottom run and the top run above the foot flange.
17. A conveyor pan according to claim 3, in which the crown of the W-shaped vertical arm lies displaced outwards as opposed to an inner end surfaces of the foot flange and of an upper web end.

18. A conveyor pan according to claim 1, in which the vertical arm section is displaced outwards in the region of the top run as opposed to that in the region of the bottom run by the thickness of the side profile.
19. A conveyor pan according to claim 2, in which the conveyor pan base comprises a rolled sheet.
20. A conveyor pan according to claim 3, in which the conveyor pan base comprises a rolled sheet.